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Items

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HLA alleles (sero- logical types)	HLA-A, -B, -C, -DR, and -DQ
2-locus haplotypes	A-B
2-locus haplotypes	C-B
2-locus haplotypes	B-DR
2 locus haplotypes	DR-DQ
3-locus haplotypes	A-C-B
3-locus haplotypes	A-B-DR
3-locus haplotypes	B-DR-DQ
5-locus haplotypes	A-C-B-DR-DQ
HLA alleles (DNA types)	DRB1, DRB3, DRB4, DRB5, DQA1, DQB1 DPA1, and DPB1
2-locus haplotypes	DRB1-DRB3
2-locus haplotypes	DRB1-DQB1
2-locus haplotypes	DRB1-DPB1
2-locus haplotypes	DQA1-DQB1
2-locus haplotypes	DQB1-DPB1
2-locus haplotypes	DPA1-DPB1
3-locus haplotypes	DRB1-DQB1-DPB1
3-locus haplotypes	DRB1-DRB3-DQB1
3-locus haplotypes	DRB1-DQA1-DQB1
3-locus haplotypes	DRB1-DPA1-DPB1
5-locus haplotypes	DRB1-DQA1-DQB1- DPA1-DPB1
Complement alleles	Bf, C4A, and C4B
3-locus haplotypes	Bf-C4A-C4B
5-locus haplotypes	HLA-A-HLA-B-Bf- C4A-C4B
5-locus haplotypes	HLA-B-Bf-C4A- C4B-HLA-DR

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FIG. 1

Ethnic code	Ethnic group
10 100	North African (Blacks)
10 102	Senegalese
10 200	South African (Blacks).
10 201	San (Bushman)
10 202	Khol (Hottentot)
10 204	Zimbabwean
10 206	Zairean
10 207	West African (Blacks)
10 210	South African (Blacks in Cape Town)
10 400	North American (Blacks)
10 600	Brazilian (Blacks)
20 100	Australian Aborigine
20 201	Coastals (Papua New Guinea)
20 202	Highlanders (Papua New Guinea)
30 101	Albanian
30 102	Armenian
30 103	Austrian
30 104	Basque
30 105	Belgian
30 106	British
30 109	Cornish
30 110	Czech
30 111	Dane
30 113	French
30 114	German
30 115	Greek
30 117	Italian
30 119	Polish
30 120	Portuguese
30 121	Romanian
30 122	Sardinian
30 124	Spanish
30 125	Swedish

FIG. 2A

Ethnic code	Ethnic group
30 127	Ukrainian
30 128	Uralic
30 129	Yugoslavian
30 130	Hungarian
30 131	Slovak
30 141	Gypsy (Spanish)
30 210	South African (Whites)
30 400	Indian
30 401	Bhargavas
30 406	Iyers
30 413	Tribal Indian
30 502	Usbekistan
30 601	Australian (Whites)
30 701	USA (Whites)
30 702	Canadian
30 801	Mexican
30 902	Brazilian (Whites)
40 101	Japanese (Wajin)
40 104	Korean
40 201	Northern Han
40 202	Southern Han
40 204	Buyi
40 207	Miao
40 209	Yi
40 210	Uygur
40 211	Tibetan
40 212	Manchu
40 213	Orochon
40 216	Taiwan Aborigine
40 217	Dai
40 218	Hui
40 219	Li
40 220	Inner Mongolian

FIG. 2B

Ethnic code	Ethnic group
40 301	Buriat
40 302	Mongolian
40 303	Kazakhs
40 401	Thais
40 402	Thai-Chinese
40 403	Vietnamese
40 404	Filipino
40 414	Javanese
40 416	Timorese
40 421	Singapore Chinese
40 602	Maori
40 800	North American (Amerinds)
40 802	Zuni
40 803	Tlingit
41 003	Brazilian (Amerinds)
41 00A	Chilean and Colombian (Amerinds)
41 102	Inuit (Eskimo)
41 10A	Yakut

**FIG. 2C**

**FIG. 3A-1**

# OBJECT LEVELS

Ethnic	20	30	30	30	30	30	30	30	30	30	30	30	30
code	202	101	102	103	104	105	106	109	110	111	113	114	30
N ~	51	208	141	98	60	64	117	101	96	150	321	295	
A1	0.0	14.3	10.3	16.8	12.7	13.0	15.0	17.3	17.4	13.0	13.7	18.0	
A2	0.0	26.4	15.6	28.1	24.6	20.0	24.1	39.6	29.1	30.3	21.3	27.8	
A3	0.0	10.3	17.8	15.3	7.0	20.2	15.3	12.4	12.3	13.6	13.3	14.1	
A11	12.1	6.0	5.5	5.1	7.5	5.0	7.3	5.0	5.5	5.6	6.2	4.6	
A23	0.0	2.9	4.0	2.6	5.0	2.3	2.6	1.0	3.1	2.0	2.6	2.7	
A24	65.7	10.1	15.3	9.7	10.0	6.3	6.2	5.4	11.3	8.3	8.9	7.5	
A25	0.0	1.2	0.4	1.5	0.0	2.3	1.4	0.5	3.6	2.3	2.3	2.4	
A26	0.0	3.4	5.2	2.0	2.0	4.2	5.6	2.0	5.5	4.0	4.4	4.7	
A28	0.0	3.0	4.7	4.1	0.8	4.7	4.5	4.0	2.1	5.7	5.6	5.1	
A29	0.0	1.0	1.8	4.6	11.3	3.9	4.3	5.9	1.6	3.3	6.4	2.2	
A30	0.0	1.9	0.7	3.1	11.3	1.6	2.6	3.0	1.6	1.3	2.3	2.4	
A31	0.0	3.5	3.3	2.0	1.8	3.9	2.6	1.0	2.1	2.0	3.7	2.2	
A32	0.0	8.7	4.6	2.0	0.8	4.7	4.7	2.0	1.0	5.0	4.2	3.2	
A33	0.0	2.2	2.8	1.5	0.8	1.6	1.7	0.5	1.6	2.6	3.1	3.1	
A34	19.1	0.7	0.0	0.5	0.0	0.9	0.0	0.5	0.0	0.3	0.8	0.2	
A36	0.0	0.2	1.5	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	
A43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
AX	0.0	0.0	0.4	0.5	0.0	1.6	0.0	0.0	0.0	0.3	0.3	0.0	
ABL	3.0	4.2	6.2	0.0	4.3	4.0	2.3	0.0	1.6	0.2	0.9	0.0	

FIG. 3A-2

# CONFIDENTIAL

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	115	117	119	120	121	122	124	125	127	128	129	130	130	130	130	130	130	130
N ~	231	551	50	125	91	97	264	95	83	97	98	98	98	98	98	98	98	98
A1	9.2	14.0	10.0	10.3	12.0	5.7	11.3	19.1	10.9	7.2	17.8	15.8						
A2	26.1	24.4	34.0	26.6	28.3	32.2	27.6	38.7	30.2	25.4	26.4	23.5						
A3	8.6	12.9	16.5	12.7	15.1	3.4	9.0	12.0	16.5	15.3	11.7	12.6						
A11	8.8	6.1	3.4	5.8	8.2	9.7	7.0	3.9	8.4	9.7	4.1	9.0						
A23	3.0	1.5	1.0	2.0	2.7	2.6	2.5	1.1	0.6	3.1	2.0	3.6						
A24	13.3	9.7	7.6	10.3	9.8	7.2	6.8	6.6	10.0	14.2	10.7	9.0						
A25	1.2	2.4	4.0	2.0	2.7	0.0	2.5	1.1	6.6	2.1	2.0	2.0						
A26	6.9	4.3	6.0	4.6	3.8	1.0	4.5	2.6	2.4	3.3	8.7	7.1						
A28	4.1	3.6	4.0	4.8	4.9	2.1	3.1	1.6	1.8	2.6	4.1	3.1						
A29	3.0	3.9	1.0	4.8	1.6	0.5	9.3	1.1	0.0	1.1	1.5	3.3						
A30	1.9	3.9	3.0	3.6	2.2	22.3	5.1	0.5	2.6	0.5	1.0	3.6						
A31	1.5	3.9	1.0	3.8	1.9	0.5	2.4	4.2	1.8	4.8	1.5	2.6						
A32	9.0	5.6	3.0	0.8	4.8	8.1	2.6	1.1	1.8	1.5	6.1	2.0						
A33	1.7	2.1	2.0	5.6	0.5	3.4	2.8	0.0	1.2	1.0	1.5	1.0						
A34	0.4	0.1	1.0	0.0	0.0	0.0	0.8	1.1	0.6	0.5	0.5	0.0						
A36	0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.6	1.0	0.0	0.0						
A43	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
AX	0.0	0.2	0.0	0.0	0.0	0.0	0.8	1.6	0.0	0.0	0.0	0.0						
ABL	0.6	1.3	2.4	2.2	1.3	1.4	1.5	4.0	4.0	6.7	0.2	1.7						

FIG. 3A-3

Ethnic code	30	131	30	141	30	400	30	401	30	406	30	413	30	601	30	701	30	702	30	801	30	902	30	909	30	101
N ~	61	75	99	30	400	30	401	30	406	30	413	30	50	63	246	197	114	351	1023							
A1	13.9	28.1	11.1	20.9	16.5	12.0	20.3	16.9	18.6	5.3	9.9	0.7														
A2	29.0	11.8	12.1	12.0	7.2	18.5	26.3	28.3	26.7	23.2	26.0	24.4														
A3	15.2	5.7	7.9	19.9	6.8	6.0	7.8	12.2	11.3	7.0	6.9	0.6														
A11	1.6	25.6	15.9	8.8	8.6	5.0	1.6	5.5	4.1	4.8	4.7	10.4														
A23	1.6	2.0	1.0	7.8	0.0	6.0	0.8	1.6	1.0	3.9	2.9	0.0														
A24	9.7	6.1	18.1	13.6	18.4	17.2	7.8	9.6	11.3	16.7	9.6	35.1														
A25	4.3	2.0	0.5	1.0	0.0	0.0	4.0	3.3	2.3	2.2	2.5	0.0														
A26	3.4	5.0	6.6	1.0	3.4	3.0	4.8	3.9	5.3	3.5	5.3	10.9														
A28	3.3	1.3	6.1	0.0	2.7	8.6	5.6	4.5	3.6	9.6	6.4	0.0														
A29	0.8	1.3	3.0	0.0	0.0	3.0	4.0	2.6	1.8	3.9	4.6	0.0														
A30	2.6	2.0	1.1	3.0	2.9	1.0	3.2	2.6	3.3	5.7	6.0	0.4														
A31	3.3	0.0	2.5	1.0	5.5	2.0	0.0	2.0	2.2	4.4	4.8	8.0														
A32	4.3	6.0	2.0	0.0	3.4	7.1	5.6	5.1	5.8	3.9	2.9	0.0														
A33	0.0	0.7	9.2	5.0	17.5	7.5	0.0	1.0	1.8	3.5	2.6	7.7														
A34	0.0	0.0	0.0	0.0	1.4	0.0	1.8	0.6	0.3	1.3	0.9	0.0														
A36	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.2	0.0	0.0	0.4	0.0														
A43	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
AX	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.2	0.0	0.9	0.4	0.0														
ABL	6.9	2.5	2.9	6.0	3.4	3.1	6.0	0.0	0.8	0.0	3.3	1.7														

FIG. 3A-4



Ethnic code N ~	40 104 261	40 201 145	40 202 138	40 204 69
A1	2.5	4.7	0.4	1.4
A2	29.3	36.7	33.7	42.8
A3	1.3	2.4	1.1	0.7
A11	9.4	20.3	31.9	29.7
A23	0.0	0.7	0.0	0.0
A24	22.8	12.6	19.9	16.7
A25	0.0	1.1	0.0	0.7
A26	8.1	2.8	0.7	3.6
A28	0.6	0.3	0.0	0.0
A29	0.4	1.0	0.0	0.0
A30	4.4	4.4	2.2	0.0
A31	3.9	3.1	2.9	0.7
A32	1.0	0.7	0.7	0.7
A33	14.9	3.4	6.5	2.9
A34	0.0	1.1	0.0	0.0
A36	0.0	0.0	0.0	0.0
A43	0.0	0.0	0.0	0.0
AX	0.0	0.4	0.0	0.0
ABL	1.4	4.2	0.0	0.0

FIG. 3A-5

006227" ELET5260

Ethnic	10	10	10	10	10	10	10	10	10	10	30	30	30	30	30
code	100	200	201	204	210	400	600	101	102	103	104	105	105	105	105
N ~	56	89	54	79	96	318	112	153	105	94	57	55	55	55	55
DR1	6.3	2.8	0.0	9.2	4.7	6.3	8.9	5.8	8.6	10.1	10.5	10.9	10.9	10.9	10.9
DR3	14.0	29.2	1.9	15.3	10.4	14.7	12.4	8.5	11.7	12.2	21.9	8.2	8.2	8.2	8.2
DR4	5.4	2.8	43.5	1.9	10.4	3.4	6.2	10.5	17.8	10.1	7.9	12.7	12.7	12.7	12.7
DR7	10.0	6.8	7.3	7.6	14.5	9.5	8.9	10.1	7.3	13.3	28.9	12.7	12.7	12.7	12.7
DR8	8.9	1.1	5.6	3.8	1.9	8.3	4.0	2.0	1.0	3.2	3.5	1.8	1.8	1.8	1.8
DR9	1.8	1.2	1.9	0.6	1.0	2.9	4.3	2.9	0.0	2.1	0.0	1.8	1.8	1.8	1.8
DR10	0.9	1.7	0.0	3.8	2.6	1.1	4.0	0.0	1.4	0.5	0.9	0.9	0.9	0.9	0.9
DR11	11.6	24.7	6.3	22.7	18.2	13.5	13.2	19.1	26.4	13.8	8.8	10.0	10.0	10.0	10.0
DR12	4.5	5.1	1.9	4.8	8.3	3.8	2.7	3.3	2.1	1.1	0.9	2.7	2.7	2.7	2.7
DR13	14.9	14.2	24.5	12.1	7.8	13.8	12.7	10.3	7.1	11.7	5.3	15.5	15.5	15.5	15.5
DR14	2.9	2.8	0.0	0.0	2.1	2.4	0.9	5.6	3.3	6.4	0.9	3.6	3.6	3.6	3.6
DR15	12.8	5.1	1.9	11.8	9.9	11.7	16.2	9.5	11.2	14.9	9.6	17.3	17.3	17.3	17.3
DR16	1.8	0.0	0.0	0.0	2.1	2.0	3.4	6.7	0.5	0.5	0.9	1.8	1.8	1.8	1.8
DRJ25	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DR2LU	0.0	0.0	0.0	0.0	3.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRX	0.9	0.0	0.9	1.3	2.6	2.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRBL	3.4	2.5	4.5	5.1	0.4	3.7	1.2	4.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0

FIG. 3B-1



[illegible]

**FIG. 3B-3**

# DOCKET - CATES 60

Ethnic	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
code	202	212	216	219	220	302	401	402	403	414	416	421	421	421	421	421	421	421
N ~	79	90	93	72	54	101	238	70	142	61	49	77	77	77	77	77	77	77
DR1	1.3	3.3	0.0	16.1	7.7	4.0	0.2	0.0	1.4	0.0	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
DR3	2.7	5.7	1.1	21.5	8.9	9.1	4.8	7.1	4.0	0.8	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
DR4	15.8	9.1	8.7	9.0	12.4	13.4	9.0	16.4	8.7	4.1	5.2	19.5	19.5	19.5	19.5	19.5	19.5	19.5
DR7	2.0	15.2	0.0	2.1	11.8	13.4	8.3	6.4	5.8	3.5	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
DR8	3.2	8.5	7.9	2.8	4.6	7.9	4.0	4.3	6.7	6.9	3.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5
DR9	15.9	7.6	6.0	17.0	7.4	5.9	11.9	9.3	11.5	2.5	0.0	16.9	16.9	16.9	16.9	16.9	16.9	16.9
DR10	1.9	0.6	0.0	1.4	2.9	2.0	2.5	2.1	5.7	0.0	1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
DR11	11.4	6.4	19.3	8.1	12.9	8.0	4.2	6.4	2.1	3.5	12.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6
DR12	13.6	7.8	23.6	2.1	2.8	8.4	13.7	12.1	29.7	49.7	7.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6
DR13	13.2	6.8	0.5	2.1	5.8	5.4	3.6	5.7	4.2	3.3	3.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3
DR14	1.3	3.5	12.2	3.5	0.9	2.0	7.1	6.4	5.6	0.8	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
DR15	9.1	16.7	7.1	4.3	11.5	13.0	20.6	17.1	9.5	20.6	42.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7
DR16	1.3	0.0	0.0	2.9	0.0	2.8	4.5	2.9	2.1	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
DRJ25	0.0	0.6	0.5	0.0	0.0	1.5	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DR2LU	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.1	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
DRX	0.0	0.0	0.5	0.0	0.0	0.0	0.2	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRBL	7.4	8.3	12.4	7.1	10.6	3.3	3.4	0.1	2.1	4.2	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FIG. 3B-4

# OBJECT CATEGORIES

Ethnic	40	40	41	41
code	602	803	00A	102
N ~	51	57	65	145
DR1	2.9	0.9	2.3	0.7
DR3	2.9	0.9	2.3	3.9
DR4	20.0	10.9	41.7	38.3
DR7	0.0	1.8	0.8	0.7
DR8	9.8	7.0	4.7	3.8
DR9	11.3	3.5	13.7	5.3
DR10	0.0	0.9	0.0	0.0
DR11	9.8	0.0	12.1	11.2
DR12	21.2	1.8	0.8	0.7
DR13	1.0	4.4	4.6	7.5
DR14	9.8	60.2	1.5	10.8
DR15	9.6	4.9	2.3	1.4
DR16	0.0	0.0	0.8	1.4
DRJ25	0.0	0.9	0.8	5.2
DR2LU	0.0	0.0	0.0	0.3
DRX	0.0	0.0	0.0	0.3
DRBL	1.6	2.1	11.5	8.4

FIG. 3B-5

# DOCKET "E2EFS460"

Ethnic	10	10	10	10	10	10	10	10	30	30	30	30	30	30
code	100	200	201	204	210	400	600	101	102	103	104	105	105	105
N ~	56	89	54	79	96	318	112	153	105	94	57	55	55	55
DQ1	50.9	42.2	31.3	59.1	40.8	45.1	47.8	40.9	31.5	39.9	28.9	49.2	49.2	49.2
DQ2	21.4	16.9	10.2	15.5	19.3	19.8	17.1	16.8	16.7	19.7	50.0	16.1	16.1	16.1
DQ3	2.7	1.7	28.3	3.8	6.9	5.0	4.4	5.2	8.3	7.2	9.6	11.6	11.6	11.6
DQ4	5.4	22.5	5.8	7.3	4.7	10.0	5.8	2.3	1.0	5.2	4.4	2.7	2.7	2.7
DQ7	19.6	16.3	15.0	11.6	25.5	18.6	18.3	29.6	38.2	24.6	7.0	18.8	18.8	18.8
DQX	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DQBL	0.0	0.0	9.4	2.7	2.4	1.5	6.5	5.3	4.2	3.4	0.0	1.6	1.6	1.6

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	106	109	110	111	113	114	115	117	120	121	122	124	124	124
N ~	101	101	79	124	285	256	181	507	85	82	76	219	219	219
DQ1	36.9	28.7	40.8	43.9	45.9	36.3	45.5	35.4	43.0	50.6	38.0	34.3	34.3	34.3
DQ2	26.2	25.7	16.3	16.8	21.4	19.1	14.3	22.0	20.2	19.5	27.3	25.4	25.4	25.4
DQ3	11.0	20.8	9.1	11.4	10.0	11.1	10.1	7.3	7.6	9.8	12.9	13.9	13.9	13.9
DQ4	3.1	2.0	4.4	4.8	4.5	6.1	3.9	2.3	6.6	0.6	0.7	3.9	3.9	3.9
DQ7	19.4	22.8	23.9	21.0	16.2	27.3	19.9	29.1	14.4	19.5	15.4	19.0	19.0	19.0
DQX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
DQBL	3.2	0.0	5.5	2.2	2.1	0.0	6.2	3.9	8.2	0.0	5.7	3.4	3.4	3.4

FIG. 3C-1





# OBJECT "EETS260"

Ethnic	40	40	41	41
code	602	803	00A	102
N ~	51	57	65	145
DQ1	31.8	11.0	6.6	13.4
DQ2	4.9	1.8	3.1	1.7
DQ3	20.2	6.0	31.8	5.3
DQ4	10.8	8.8	12.0	5.7
DQ7	30.9	67.9	31.7	70.4
DQX	0.0	0.0	0.0	0.0
DQBL	1.4	4.6	14.9	3.5

FIG. 3C-3

Ethnic	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
code	207	210	211	212	213	216	218	219	220	301	302	303							
N ~	70	60	99	187	73	165	87	79	104	89	138	59							
A1	1.4	7.0	3.0	4.6	3.4	0.0	4.8	1.3	6.0	8.4	8.3	11.4							
A2	30.7	17.2	32.7	34.2	22.6	18.1	23.5	26.4	23.1	27.5	23.1	29.2							
A3	0.7	17.6	2.0	5.2	1.4	0.0	7.6	4.4	7.8	4.1	4.8	8.0							
A11	42.1	5.8	13.6	14.6	2.7	11.3	18.1	29.1	8.8	8.0	8.7	9.2							
A23	0.7	0.8	0.0	1.1	0.0	0.0	0.0	4.4	2.0	5.1	2.2	0.8							
A24	16.4	14.8	32.2	17.1	43.8	61.0	14.1	9.5	15.0	21.3	18.6	20.4							
A25	0.0	1.7	1.5	0.3	0.0	0.3	0.0	1.6	0.5	0.6	0.7	0.8							
A26	0.7	7.7	2.0	1.4	6.8	4.7	1.7	6.3	6.0	3.9	5.8	5.3							
A28	0.7	1.7	0.0	0.8	0.0	0.0	0.0	1.3	0.5	1.7	0.7	1.7							
A29	0.0	0.9	0.0	0.0	0.7	0.0	0.0	0.6	1.9	1.1	1.4	0.0							
A30	1.4	2.5	3.5	5.6	1.4	0.3	7.2	5.1	3.6	0.0	4.3	0.8							
A31	0.7	1.7	4.9	4.0	15.1	0.0	3.5	3.8	9.8	5.2	4.2	4.2							
A32	0.0	4.2	0.0	1.4	0.7	0.0	0.0	0.0	0.0	0.0	1.8	0.0							
A33	4.3	0.0	0.0	4.8	0.7	1.2	7.4	1.9	4.5	3.4	6.3	1.7							
A34	0.0	0.0	0.0	0.0	0.0	0.3	0.0	3.0	0.5	0.0	1.4	0.0							
A36	0.0	2.6	0.0	0.3	0.7	0.0	0.0	0.6	0.5	0.6	3.1	0.0							
A43	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
AX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
ABL	0.0	14.0	3.9	4.1	0.0	2.7	12.1	0.7	9.7	9.1	4.3	6.4							

FIG. 3D-1



[illegible]

FIG. 3E-1-1

Ethnic code	101	102	30	103	30	104	30	105	30	106	30	109	30	110	30	111	30	113	30	114	30	115	30	117	30
N ~	208	141	98	60	64	117	101	96	150	321	295	231	551												
B7	7.7	9.0	15.8	9.2	10.2	8.5	13.9	9.7	9.2	7.5	10.7	5.9	5.8												
B8	4.7	2.9	9.2	5.8	5.5	13.7	11.4	8.9	8.9	6.8	9.8	3.6	6.8												
B13	3.1	1.1	5.0	2.5	2.3	1.3	1.5	8.3	2.0	3.0	3.2	2.6	3.9												
B14	4.4	3.7	2.0	3.3	4.7	5.6	4.5	3.1	1.4	7.2	3.7	2.8	3.6												
B18	10.8	3.7	6.1	16.7	7.0	3.4	5.4	4.9	4.0	4.8	3.4	6.3	9.6												
B27	0.7	1.8	3.1	6.7	1.6	3.8	4.0	3.5	3.0	3.6	4.6	2.4	2.2												
B35	10.3	11.6	11.7	5.0	6.3	8.5	5.4	8.1	6.0	8.4	7.6	18.3	15.4												
B37	1.9	0.7	0.5	0.0	1.6	2.1	0.0	2.1	2.4	2.3	2.0	1.7	1.4												
B38	6.0	4.6	0.5	0.0	3.1	1.3	0.0	4.2	3.2	3.0	1.9	2.4	3.5												
B39	2.9	1.1	2.0	0.8	2.3	2.1	0.0	2.1	3.3	2.5	1.9	2.2	3.3												
B41	1.2	2.1	1.5	0.0	0.8	1.3	2.0	1.0	2.0	1.6	1.7	3.1	1.6												
B42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0												
B44	10.9	5.4	9.6	21.7	10.2	10.3	20.8	12.5	12.9	10.8	9.2	9.4	9.2												
B45	0.0	1.8	0.5	0.0	0.0	1.3	1.0	0.0	0.7	0.6	0.8	0.2	1.0												
B46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1												
B47	1.0	0.0	1.5	0.8	0.0	2.1	0.0	0.5	0.7	0.2	0.7	0.4	0.5												
B48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.2	0.0	0.1												
B49	1.9	8.0	2.0	0.8	3.9	1.3	1.0	1.6	1.0	3.0	1.5	3.5	2.9												
B50	1.4	3.9	0.0	0.8	0.0	1.3	2.0	1.6	0.7	1.5	1.0	0.4	1.8												
B51	8.9	9.6	7.6	6.7	7.0	5.1	2.5	5.7	5.7	6.9	4.9	14.4	8.4												
B52	4.2	8.0	1.0	1.7	3.9	0.9	0.5	1.0	0.7	2.5	1.0	2.5	2.6												

FIG. 3E-1-2

Ethnic code	10 100	10 102	10 200	10 201	10 202	10 204	10 206	10 207	10 210	10 400	10 600	20 100	20 202
N ~	59	99	103	103	65	90	61	70	105	447	116	99	51
B53	7.6	4.2	1.0	1.9	0.0	7.0	9.8	11.0	1.0	12.8	4.4	0.0	0.0
B54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B55	0.8	0.0	0.0	0.0	0.9	0.0	0.8	0.0	0.5	0.8	3.1	1.0	0.0
B56	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.4	17.2	22.5
B57	4.2	1.0	2.1	2.6	5.8	9.6	3.3	2.9	4.8	4.2	3.1	3.5	0.0
B58	6.3	8.6	17.2	35.6	11.1	11.8	4.9	7.9	11.0	6.9	1.7	1.0	0.0
B59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0
B60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.3	0.9	10.0	15.5
B61	0.8	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.2	1.3	19.6	2.9
B62	1.8	0.0	0.0	0.5	0.8	0.0	0.8	0.7	2.4	1.4	1.7	7.1	28.3
B63	3.4	0.0	1.0	0.0	0.0	0.6	4.9	0.0	0.0	2.8	0.9	0.0	0.0
B67	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.4	0.0	0.0
B70	8.5	9.4	22.6	10.4	18.8	13.5	16.8	8.1	8.6	8.2	2.2	0.0	0.0
B73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.2	0.0	0.0	0.0
B75	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.4	0.3	0.0	3.4	6.7
B76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B77	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	1.0	0.0	0.4	0.0	1.0
B5102	0.8	2.6	0.0	0.0	0.0	0.0	0.8	1.4	0.0	0.2	4.1	0.0	0.0
B7801	0.0	5.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.2	0.0	0.0	0.0
BX	1.7	0.0	0.0	0.5	1.5	0.6	0.0	0.0	0.5	1.1	5.8	0.0	0.0
BBL	4.4	4.0	2.8	2.4	2.5	3.0	2.5	6.0	0.0	3.6	8.7	0.4	0.9

FIG. 3E-2-1

Ethnic code	30 101	30 102	30 103	30 104	30 105	30 106	30 109	30 110	30 111	30 113	30 114	30 115	30 117
N ~	208	141	98	60	64	117	101	96	150	321	295	231	551
B53	1.0	2.6	0.5	0.0	1.6	0.9	0.0	1.0	1.0	1.2	0.8	0.9	1.0
B54	0.2	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
B55	1.9	3.3	0.5	0.8	4.7	3.4	2.0	1.6	2.0	3.7	1.5	2.9	1.8
B56	0.5	0.0	1.0	0.0	2.3	1.3	0.5	1.0	1.7	0.8	1.5	1.1	0.4
B57	1.9	1.1	4.1	5.8	3.1	5.6	4.5	1.6	2.4	1.9	6.3	0.0	2.0
B58	1.4	0.7	1.0	2.5	0.8	0.9	0.5	1.0	1.3	1.9	3.4	1.8	1.8
B59	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B60	1.7	1.4	4.5	0.8	3.9	3.8	5.0	5.1	8.6	3.0	4.6	1.7	0.5
B61	1.7	1.1	1.0	0.0	3.1	1.7	1.0	1.6	1.7	2.7	2.5	1.8	1.4
B62	1.9	0.7	5.1	5.0	4.7	6.0	9.9	2.1	6.8	5.3	4.9	1.7	2.8
B63	0.7	1.1	1.5	1.7	0.8	1.3	0.5	2.9	0.0	0.9	1.7	0.6	1.7
B67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
B70	0.7	2.1	0.5	0.8	2.3	0.9	0.5	0.0	0.7	0.6	1.4	0.9	0.3
B73	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.0	0.1
B75	0.7	0.7	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.1
B76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
B77	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
B5102	0.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
B7801	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BX	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	1.7	0.3	0.5	0.0	0.0
BBL	2.7	4.2	0.4	0.0	0.0	0.0	0.0	3.2	3.4	0.9	0.0	4.0	1.9

FIG. 3E-2-2

Ethnic code	30 119	30 120	30 121	30 122	30 124	30 125	30 127	30 128	30 129	30 130	30 131	30 141	30 400
N ~	50	125	91	97	264	95	83	97	98	98	61	75	99
B7	8.0	7.9	6.3	1.0	7.6	15.7	10.0	16.0	8.2	5.5	9.0	4.7	9.5
B8	6.0	7.5	4.9	1.5	6.4	16.0	8.5	4.6	10.7	13.7	13.3	1.3	3.8
B13	6.0	1.6	5.2	1.5	2.5	1.1	3.6	10.3	2.0	4.6	6.6	0.0	1.0
B14	2.0	5.6	2.7	5.9	6.9	1.1	3.0	2.6	0.0	2.9	0.0	1.3	2.0
B18	3.0	2.8	9.1	28.5	5.5	1.1	5.5	1.0	11.2	4.6	5.7	8.7	2.5
B27	5.6	2.8	4.4	0.5	2.8	8.8	4.2	7.2	7.1	5.6	4.9	7.3	2.8
B35	13.8	12.8	9.7	12.7	8.4	8.7	7.7	8.2	9.7	11.7	12.3	12.7	12.0
B37	0.0	0.8	4.4	1.0	1.4	1.1	0.6	0.0	2.0	1.5	0.0	4.0	3.8
B38	6.0	2.8	2.9	0.5	3.0	0.0	1.2	1.5	6.1	6.1	5.2	0.0	0.0
B39	1.0	2.0	3.3	3.6	0.6	0.5	2.5	6.2	0.0	1.0	0.9	4.0	1.5
B41	2.0	1.2	0.5	0.0	1.6	0.5	2.5	2.1	0.5	1.5	1.8	0.0	0.0
B42	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B44	13.6	14.3	7.7	4.6	17.0	11.1	11.1	5.7	15.3	8.7	9.0	5.3	7.1
B45	1.3	1.2	0.5	3.1	1.4	1.1	0.6	0.0	0.0	1.5	1.6	0.7	0.0
B46	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
B47	0.0	0.4	1.6	0.0	0.8	0.5	0.0	0.0	0.0	0.5	0.8	0.0	0.0
B48	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.5	0.5	0.0	0.0	0.0	0.5
B49	1.0	3.2	3.3	6.5	3.7	0.0	1.8	2.1	1.0	2.0	0.8	4.0	1.5
B50	0.0	2.2	1.1	1.5	2.7	0.0	0.6	0.0	0.5	0.5	0.0	0.0	1.5
B51	7.0	11.4	12.6	5.9	7.8	2.6	5.0	3.1	9.7	6.0	3.3	9.3	7.6
B52	1.0	1.6	2.9	0.5	2.0	0.0	3.1	0.5	1.5	1.0	0.8	4.7	6.1

FIG. 3F-1-1



Ethnic code	30 401	30 406	30 413	30 601	30 701	30 702	30 801	30 902	40 101	40 104	40 201	40 202	40 204
<i>N</i> ~	50	73	50	63	246	197	114	351	1023	261	145	138	69
B7	8.0	8.9	2.3	10.3	10.0	11.1	6.6	5.1	5.0	4.1	3.1	0.0	0.0
B8	0.0	3.4	9.6	12.8	10.0	11.1	3.9	4.9	0.0	0.6	0.0	0.0	0.0
B13	2.0	4.5	2.3	3.4	3.0	2.5	0.9	1.7	1.8	6.3	16.4	8.5	13.0
B14	0.0	0.0	0.0	4.0	4.1	6.5	6.1	5.0	0.1	0.8	0.0	0.4	0.0
B18	7.6	0.0	5.0	5.1	4.9	5.8	5.7	5.3	0.0	0.0	0.0	0.0	0.0
B27	4.0	0.7	0.0	3.2	4.1	4.3	1.8	3.1	0.4	3.0	1.4	1.8	2.2
B35	12.7	14.3	10.7	7.1	8.5	7.6	14.5	13.7	8.1	7.0	3.6	2.9	1.4
B37	1.0	3.4	4.0	0.8	2.2	1.8	0.4	0.9	0.7	1.9	2.1	0.0	0.0
B38	0.0	0.7	0.0	1.6	4.1	1.5	1.3	3.6	0.3	1.3	1.0	2.9	10.9
B39	0.0	0.0	0.0	0.0	1.8	2.0	6.6	4.9	4.5	1.7	1.7	2.9	3.6
B41	2.0	1.4	4.0	3.2	1.0	0.8	1.8	1.1	0.0	0.0	0.3	0.0	0.0
B42	2.0	0.0	0.0	0.8	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0
B44	15.5	10.0	10.0	15.6	10.4	13.3	11.4	10.6	7.4	9.9	4.1	1.1	0.7
B45	0.0	0.0	0.0	0.8	0.6	0.3	1.3	2.1	0.0	0.0	0.7	0.0	0.0
B46	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	4.4	4.0	2.8	15.4	21.6
B47	0.0	1.4	0.0	0.0	0.6	0.0	0.4	0.0	0.1	0.0	0.0	1.1	0.0
B48	0.0	0.0	0.0	0.0	0.2	0.0	2.6	0.0	3.2	4.0	2.8	0.7	0.0
B49	2.0	2.1	0.0	0.0	2.2	2.0	2.2	3.0	0.0	0.2	0.3	0.0	0.0
B50	0.0	0.0	6.0	0.0	2.2	1.3	3.5	1.9	0.0	0.0	0.0	0.0	0.0
B51	2.0	10.1	6.0	2.4	3.7	4.0	3.9	7.1	9.3	7.8	11.8	4.3	5.8
B52	6.0	6.2	11.3	0.8	1.2	0.8	3.5	1.5	10.7	2.4	2.1	1.8	0.7

FIG. 3F-1-2

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	119	120	121	122	124	125	127	128	129	130	131	141	141	131	131	141	141	141	400
N ~	50	125	91	97	264	95	83	97	98	98	61	75	75	61	61	75	75	75	99
B53	0.0	0.4	0.5	0.0	0.8	0.5	1.2	2.6	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
B54	0.0	0.0	0.5	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B55	1.0	1.2	2.2	1.5	2.0	0.0	1.2	0.5	1.5	1.5	1.6	2.0	2.0	1.6	1.6	2.0	2.0	2.5	2.5
B56	2.0	0.4	0.0	0.5	0.4	0.5	0.0	0.0	0.5	1.5	0.9	0.0	0.0	0.9	0.9	0.0	0.0	1.5	1.5
B57	1.0	3.1	1.1	2.2	2.0	0.5	0.6	1.5	3.1	4.1	3.3	4.7	3.5	3.3	3.3	4.7	3.5	3.5	3.5
B58	5.0	1.6	1.1	9.1	1.9	2.4	1.2	5.2	1.0	1.5	0.8	2.0	2.5	0.8	0.8	2.0	2.5	2.5	2.5
B59	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B60	6.0	1.6	2.2	0.5	1.9	6.2	1.9	7.7	1.0	0.5	3.3	0.0	2.5	3.3	3.3	0.0	2.5	2.5	2.5
B61	0.0	0.8	1.8	2.2	1.7	0.0	1.2	1.5	2.0	3.1	0.0	21.3	12.9	0.0	0.0	21.3	12.9	12.9	12.9
B62	3.0	4.4	2.7	0.5	3.7	4.7	5.5	3.1	3.1	3.6	5.7	1.3	5.6	5.7	5.7	1.3	5.6	5.6	5.6
B63	3.0	0.8	0.5	0.5	1.1	4.2	1.8	0.5	0.5	2.4	0.8	0.0	1.5	0.8	0.8	0.0	1.5	1.5	1.5
B67	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B70	0.0	2.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.8	0.8	0.7	0.0	0.0	0.0
B73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.5
B75	0.0	0.0	0.0	0.5	0.0	0.5	0.5	4.1	0.0	0.0	1.6	0.0	0.5	1.6	1.6	0.0	0.5	0.5	0.5
B76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B77	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B5102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B7801	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BX	0.0	0.0	0.5	0.5	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.5
BBL	1.7	0.8	3.3	2.7	2.0	1.1	10.7	0.0	0.0	0.7	5.0	0.0	1.6	5.0	5.0	0.0	1.6	1.6	1.6

FIG. 3F-2-1

Ethnic code	30 401	30 406	30 413	30 601	30 701	30 702	30 801	30 902	40 101	40 104	40 201	40 202	40 204
<i>N</i> ~	50	73	50	63	246	197	114	351	1023	261	145	138	69
B53	4.5	0.7	1.0	0.8	0.8	0.8	1.3	1.5	0.0	0.0	0.7	0.0	0.0
B54	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.1	6.3	6.5	2.4	4.9	0.7
B55	3.0	4.1	0.0	2.4	2.2	1.3	0.9	2.0	2.9	1.8	3.2	4.0	7.9
B56	0.0	0.0	0.0	0.8	1.0	1.5	0.0	0.0	1.6	0.6	0.3	0.0	1.4
B57	1.2	7.5	3.0	4.5	3.9	3.6	2.2	2.2	0.0	0.8	2.8	1.1	1.8
B58	2.0	0.7	6.0	0.0	1.0	0.5	2.2	1.0	0.7	5.2	3.2	4.9	2.2
B59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.0	0.0	0.0	0.0
B60	3.0	3.1	2.0	2.4	4.5	5.6	3.1	2.4	5.6	4.2	6.0	17.1	11.5
B61	4.0	4.1	8.0	4.0	3.3	0.5	4.4	1.9	10.7	9.2	4.2	5.4	0.7
B62	5.0	3.8	1.0	6.7	5.5	7.0	0.9	4.2	8.3	10.5	11.8	14.7	5.8
B63	4.0	4.1	1.0	0.8	0.4	1.0	0.4	0.7	0.0	0.0	2.6	0.0	0.7
B67	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	1.5	0.4	0.0	0.4	0.0
B70	4.0	0.7	2.0	0.8	1.6	0.3	3.1	1.0	1.6	1.9	0.4	0.4	0.0
B73	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.3	0.0	0.0
B75	0.0	1.4	1.0	0.0	0.0	0.0	1.8	1.0	1.1	1.7	2.4	1.1	6.4
B76	1.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B5102	0.0	0.7	1.0	0.0	0.0	0.0	0.0	0.9	0.3	0.0	0.3	0.4	0.0
B7801	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BX	0.0	0.0	0.0	0.8	0.4	0.3	0.4	2.0	0.0	0.0	0.0	0.4	0.0
BBL	2.5	1.5	2.8	4.4	0.0	0.6	0.0	3.0	1.3	1.3	4.8	1.6	0.8

FIG. 3F-2-2

Ethnic	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
code	207	210	211	212	213	215	218	219	220	301	302	303	401						
N ~	70	60	99	187	73	165	87	79	104	89	138	59	242						
B7	0.8	2.6	0.0	2.0	2.1	0.3	3.4	8.0	5.3	4.6	3.5	4.2	2.7						
B8	0.7	7.5	1.0	1.1	0.7	0.0	0.6	0.0	4.1	0.0	6.4	4.2	0.2						
B13	10.7	12.7	0.5	11.4	1.4	9.4	13.1	18.7	7.2	4.7	6.2	1.7	9.3						
B14	0.0	4.3	0.0	1.6	0.0	0.0	1.8	0.0	0.5	0.0	0.7	1.7	0.4						
B18	0.0	0.0	0.5	0.0	0.0	0.0	1.1	0.0	1.9	1.1	1.1	0.0	2.5						
B27	0.7	3.3	10.5	2.4	2.1	3.4	4.0	2.5	2.4	2.8	5.1	4.4	6.0						
B35	0.7	1.7	5.2	5.4	6.8	0.0	4.6	2.5	4.3	5.2	6.6	1.7	2.5						
B37	1.5	0.0	1.0	3.8	2.1	0.3	2.9	0.0	3.5	2.3	4.3	0.0	1.4						
B38	2.9	4.3	4.7	0.3	0.7	0.0	4.0	0.6	2.5	0.0	2.2	0.0	3.5						
B39	1.4	0.0	1.0	1.4	0.7	15.8	0.0	1.3	2.0	0.0	2.2	1.7	1.7						
B41	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.6	0.0	2.8	1.4	0.8	0.0						
B42	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2						
B44	0.0	4.3	1.0	6.5	1.4	0.3	4.8	8.2	4.3	11.4	1.4	2.5	5.4						
B45	0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.4	1.8	0.0	0.8	0.0						
B46	18.4	3.5	1.0	5.6	0.7	1.2	4.0	3.8	2.4	1.7	1.1	0.8	14.0						
B47	1.4	0.8	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.6	0.0	0.0	0.0						
B48	0.7	0.8	5.9	5.1	19.8	14.5	1.7	0.6	1.4	3.9	4.7	0.8	1.0						
B49	0.7	1.7	0.0	0.0	0.0	0.0	0.0	1.5	0.5	0.0	0.0	0.8	0.0						
B50	0.0	3.5	1.0	1.9	1.4	0.0	0.6	0.0	2.4	0.0	2.9	0.0	0.0						
B51	6.4	6.9	13.4	6.5	17.8	0.3	3.8	5.7	9.4	11.4	8.7	8.5	6.4						
B52	0.7	7.9	1.0	2.7	0.0	0.0	3.4	0.0	1.4	2.8	5.8	3.5	3.1						

FIG. 3G-1-1



# DATA SET 50

Ethnic code	40 207	40 210	40 211	40 212	40 213	40 215	40 218	40 219	40 220	40 301	40 302	40 303	40 401
N ~	70	60	99	187	73	165	87	79	104	89	138	59	242
B53	0.0	1.7	0.5	0.0	0.0	0.0	1.1	1.3	0.0	1.1	0.4	13.3	0.0
B54	1.4	1.7	1.5	2.9	2.1	0.0	1.7	3.2	2.4	2.8	1.4	1.7	0.6
B55	5.9	0.8	5.6	1.9	0.7	9.3	4.0	8.2	4.3	2.2	2.2	0.8	2.5
B56	1.4	0.0	1.0	0.3	0.0	0.6	0.0	5.5	1.9	0.0	0.7	0.8	1.4
B57	1.5	0.0	0.5	1.3	0.0	0.0	0.0	1.3	1.0	3.9	1.8	4.3	5.2
B58	3.6	2.5	0.0	2.9	0.0	0.9	4.8	8.2	5.5	5.8	5.1	3.4	2.9
B59	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
B60	11.8	2.5	6.4	5.4	11.6	32.3	3.6	5.1	12.8	3.4	4.0	6.2	8.3
B61	2.3	0.9	9.0	4.8	9.6	2.8	5.2	0.6	2.4	4.7	6.9	4.3	4.3
B62	4.5	0.9	12.6	9.8	11.6	4.2	3.8	8.2	3.4	2.8	5.4	4.3	5.0
B63	0.0	3.3	5.2	0.3	0.0	0.0	8.3	0.6	0.0	1.8	3.3	1.7	0.4
B67	0.7	0.0	0.0	0.5	0.0	0.3	2.3	0.0	0.0	0.0	0.7	0.0	0.0
B70	0.0	0.0	0.5	0.5	1.4	0.0	1.7	0.0	0.5	0.0	0.4	0.8	0.0
B73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B75	10.0	0.9	0.5	4.2	3.4	0.3	4.6	0.0	3.0	1.7	0.0	0.9	8.3
B76	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
B77	0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
B5102	0.0	0.8	1.0	0.5	0.7	0.0	0.0	1.3	0.5	0.6	0.4	0.0	0.0
B7801	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
BX	0.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
BBL	6.2	18.3	7.0	4.8	0.2	3.5	4.9	1.7	5.4	12.2	2.7	17.2	0.0

FIG. 3F-2-1



[illegible]

**FIG. 3H-1**



# COOPER EATSON

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	101	102	103	104	105	106	109	110	111	113	114	115	117	119	121	123	125	127	129
N ~	208	141	98	60	64	117	101	96	150	321	295	231	551						
Cw1	2.9	4.4	3.6	5.9	5.6	3.5	4.2	4.7	4.0	4.2	3.3	2.6	3.1						
Cw2	5.5	2.5	5.6	4.3	1.6	4.3	2.0	4.8	6.9	5.2	7.2	6.5	4.0						
Cw4	14.2	9.6	14.1	8.7	11.5	11.4	7.8	13.1	9.2	11.1	11.2	16.2	17.1						
Cw5	2.2	1.4	5.3	6.8	5.5	3.1	12.4	4.9	4.4	5.8	4.7	2.4	5.7						
Cw6	5.4	10.2	13.1	6.1	5.6	12.1	0.8	12.9	9.9	8.9	14.2	6.7	10.1						
Cw7	18.4	19.7	38.8	24.5	28.3	25.5	35.9	24.3	20.0	20.8	28.0	15.1	22.1						
Cw9	2.9	3.3	4.6	5.3	5.7	6.6	10.0	7.1	7.0	7.4	5.3	4.5	2.1						
Cw10	2.9	0.7	5.3	0.8	2.4	4.5	6.6	4.2	9.6	2.7	4.8	2.6	0.7						
Cw11	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1						
CwX	0.2	2.5	0.0	0.0	1.6	1.7	0.0	0.0	0.7	0.8	1.7	0.0	1.7						
CBL	45.0	45.3	9.6	37.5	32.2	27.3	12.4	24.0	28.3	30.2	19.3	43.5	32.7						

FIG. 3H-2

# OBJECT "C4EFS450"

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137
N ~	50	125	91	97	264	95	83	97	98	98	98	98	98	98	98	98	98	98	98
Cw1	2.1	1.2	5.1	3.1	3.1	3.1	3.7	1.8	11.4	3.1	3.1	3.1	5.0	0.0	5.7	5.7	5.7	5.7	5.7
Cw2	8.2	7.0	6.8	5.8	4.1	4.1	7.7	4.9	6.2	8.0	7.9	7.9	3.3	11.5	2.5	2.5	2.5	2.5	2.5
Cw4	18.1	15.7	11.7	12.1	17.8	17.8	9.3	6.1	7.3	12.7	14.3	14.3	14.5	9.7	13.4	13.4	13.4	13.4	13.4
Cw5	1.0	4.1	1.1	22.0	9.7	9.7	3.7	6.9	2.6	6.4	3.7	3.7	3.3	4.1	0.5	0.5	0.5	0.5	0.5
Cw6	10.8	5.4	7.5	7.3	9.6	9.6	3.7	10.8	11.2	4.7	13.9	13.9	7.6	16.3	11.2	11.2	11.2	11.2	11.2
Cw7	16.6	17.0	17.8	25.9	24.3	24.3	26.3	15.5	20.6	33.2	21.1	20.2	20.2	12.9	23.7	23.7	23.7	23.7	23.7
Cw9	6.2	5.3	2.8	0.5	4.5	4.5	5.3	3.7	17.4	3.1	5.7	5.7	9.3	2.7	2.5	2.5	2.5	2.5	2.5
Cw10	3.1	1.6	4.5	0.5	2.3	2.3	7.6	1.8	3.6	8.7	1.0	5.0	5.0	0.0	3.6	3.6	3.6	3.6	3.6
Cw11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	2.1	0.5	0.5	0.0	0.0	0.5	0.5	0.5	0.5	0.5
CwX	0.0	0.0	1.1	0.5	1.5	1.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBL	34.0	42.8	41.7	22.2	28.1	28.1	26.5	48.4	10.7	18.1	28.8	31.7	43.0	35.7	35.7	35.7	35.7	35.7	35.7

FIG. 3H-3

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	401	406	413	601	701	702	801	902	101	104	201	202	40	40	40	40	40	40
N ~	50	73	50	63	246	197	114	351	1023	261	145	138	69					
Cw1	9.4	5.9	5.1	3.2	4.3	5.5	1.8	2.7	11.8	12.7	12.9	16.3	6.0					
Cw2	10.4	2.1	0.0	4.8	5.4	8.4	3.1	6.4	0.1	0.8	1.4	1.1	1.4					
Cw4	11.2	19.3	9.6	12.2	9.8	10.0	15.0	16.4	4.2	5.9	4.2	8.0	3.7					
Cw5	2.0	0.0	0.0	9.8	3.7	6.4	3.1	3.9	0.4	0.8	0.3	0.0	0.0					
Cw6	8.0	17.0	18.9	7.6	9.5	9.4	5.4	6.6	1.0	7.5	7.3	4.4	2.2					
Cw7	16.2	24.1	19.5	27.6	21.5	28.9	22.0	22.1	25.3	12.8	6.5	16.8	22.9					
Cw9	10.0	4.9	3.0	3.2	3.9	7.2	2.7	7.4	13.9	13.8	8.8	14.8	11.1					
Cw10	4.1	2.8	3.1	2.4	3.9	5.7	7.7	2.8	8.8	11.0	4.9	9.0	9.0					
Cw11	9.4	0.7	0.0	0.0	0.2	0.5	0.0	0.0	4.2	3.9	2.5	3.6	19.1					
CwX	0.0	0.0	0.0	5.0	3.3	5.4	0.9	1.0	0.6	0.2	0.0	0.0	0.0					
CBL	19.2	22.5	40.7	24.2	34.4	16.6	34.1	30.6	39.5	30.7	51.1	26.0	24.4					

**FIG. 3H-4**

# 006222T" E4E75460

Ethnic	40	40	40	40	40	40	40	40	40	40	40	40	40
code	207	210	211	212	213	216	218	219	220	301	302	303	401
N ~	70	60	99	187	73	165	87	79	104	89	138	59	242
Cw1	14.3	2.5	9.7	7.5	4.2	11.1	8.5	13.2	12.5	5.7	9.1	6.9	3.3
Cw2	1.4	3.4	1.5	0.8	2.1	0.6	1.2	28.9	1.4	1.7	2.9	4.3	2.7
Cw4	0.7	9.6	16.1	4.4	6.2	7.4	5.3	14.6	5.0	11.6	4.3	8.7	3.6
Cw5	0.0	4.3	0.0	2.4	0.0	0.0	1.2	5.2	1.5	0.0	0.0	8.8	0.6
Cw6	3.6	9.7	2.5	13.3	4.2	0.0	15.8	5.9	16.4	8.8	13.6	4.3	7.2
Cw7	15.9	7.9	16.8	15.1	15.2	21.5	5.3	10.3	13.1	8.1	17.2	5.2	25.5
Cw9	18.7	0.8	8.9	15.2	20.9	14.2	9.7	6.3	22.1	8.1	7.6	9.1	14.2
Cw10	6.6	4.2	7.9	8.4	15.3	17.2	7.3	6.1	5.4	13.0	17.1	18.6	6.9
Cw11	5.2	1.7	2.6	3.9	0.7	1.2	2.9	2.5	2.4	3.4	1.8	0.0	13.2
CwX	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6
CBL	33.5	55.8	34.0	29.1	31.1	25.2	43.0	7.1	20.2	39.6	26.4	34.2	22.1

FIG. 3H-5



[illegible]

**FIG. 31-1**

# 006227 ELET5460

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	101	102	103	104	105	106	109	110	111	113	114	115	117	117	117	117	117	117	117
N ~	208	141	98	60	64	117	101	96	150	321	295	231	551	551	551	551	551	551	551
Cw1	2.9	4.4	3.6	5.9	5.6	3.5	4.2	4.7	4.0	4.2	3.3	2.6	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Cw2	5.5	2.5	5.6	4.3	1.6	4.3	2.0	4.8	6.9	5.2	7.2	6.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Cw4	14.2	9.6	14.1	8.7	11.5	11.4	7.8	13.1	9.2	11.1	11.2	16.2	17.1	17.1	17.1	17.1	17.1	17.1	17.1
Cw5	2.2	1.4	5.3	6.8	5.5	3.1	12.4	4.9	4.4	5.8	4.7	2.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Cw6	5.4	10.2	13.1	6.1	5.6	12.1	8.8	12.9	9.9	8.9	14.2	6.7	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Cw7	18.4	19.7	38.8	24.5	28.3	25.5	35.9	24.3	20.0	20.8	28.0	15.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
Cw9	2.9	3.3	4.6	5.3	5.7	6.6	10.0	7.1	7.0	7.4	5.3	4.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Cw10	2.9	0.7	5.3	0.8	2.4	4.5	6.6	4.2	9.6	2.7	4.8	2.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Cw11	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CwX	0.2	2.5	0.0	0.0	1.6	1.7	0.0	0.0	0.7	3.8	1.7	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
CBL	45.0	45.3	9.6	37.5	32.2	27.3	12.4	24.0	28.3	30.2	19.3	43.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7

FIG. 3I-2

Ethnic code	119	30	120	30	121	30	122	30	124	30	125	30	127	30	128	30	129	30	130	30	131	30	141	30	400
N ~	50		125		91		97		264		95		83		97		98		98		61		75		99
Cw1	2.1		1.2		5.1		3.1		3.1		3.7		1.8		11.4		3.1		3.1		5.0		0.0		5.7
Cw2	8.2		7.0		6.8		5.8		4.1		7.7		4.9		8.2		8.0		7.9		3.3		11.5		2.5
Cw4	18.1		15.7		11.7		12.1		12.8		9.3		6.1		7.3		12.7		14.3		14.5		9.7		13.4
Cw5	1.0		4.1		1.1		22.0		9.7		3.7		6.9		2.6		6.4		3.7		3.3		4.1		0.5
Cw6	10.8		5.4		7.5		7.3		9.6		3.7		10.8		11.2		4.7		13.9		7.6		16.3		11.2
Cw7	16.6		17.0		17.8		25.9		24.3		26.3		15.5		20.6		33.2		21.1		20.2		12.9		23.7
Cw9	6.2		5.3		2.8		0.5		4.5		5.3		3.7		17.4		3.1		5.7		9.3		2.7		2.5
Cw10	3.1		1.6		4.5		0.5		2.3		7.6		1.8		3.6		8.7		1.0		5.0		0.0		3.6
Cw11	0.0		0.0		0.0		0.0		0.0		0.0		0.0		7.1		2.1		0.5		0.0		0.0		0.5
CwX	0.0		0.0		1.1		0.5		1.5		6.1		0.0		0.0		0.0		0.0		0.0		0.0		0.5
CBL	34.0		42.8		41.7		22.2		28.1		26.5		48.4		10.7		18.1		28.8		31.7		43.0		35.7

**FIG. 31-3**



Ethnic	30	30	30	30	30	30	30	30	30	30	30	40	40	40	40
code	401	406	413	601	701	702	801	902	101	104	201	202	204		
N ~	50	73	50	63	246	197	114	351	1023	261	145	138	69		
Cw1	9.4	5.9	5.1	3.2	4.3	5.5	1.8	2.7	11.8	12.7	12.9	16.3	6.0		
Cw2	10.4	2.1	0.0	4.8	5.4	4.4	3.1	6.4	0.1	0.8	1.4	1.1	1.4		
Cw4	11.2	19.3	9.6	12.2	9.8	10.0	19.0	16.4	4.2	5.9	4.2	8.0	3.7		
Cw5	2.0	0.0	0.0	9.8	3.7	6.4	3.1	3.9	0.4	0.8	0.3	0.0	0.0		
Cw6	8.0	17.8	18.9	7.6	9.5	9.4	5.4	6.6	1.0	7.5	7.3	4.4	2.2		
Cw7	16.2	24.1	19.5	27.6	21.5	28.9	22.0	22.1	15.3	12.8	6.5	16.8	22.9		
Cw9	10.0	4.9	3.0	3.2	3.9	7.2	2.7	7.4	13.9	13.8	8.8	14.8	11.1		
Cw10	4.1	2.8	3.1	2.4	3.9	5.7	7.7	2.8	8.8	11.0	4.9	9.0	9.0		
Cw11	9.4	0.7	0.0	0.0	0.2	0.5	0.0	0.0	4.2	3.9	2.5	3.6	19.1		
CwX	0.0	0.0	0.0	5.0	3.3	5.4	0.9	1.0	0.6	0.2	0.0	0.0	0.0		
CBL	19.2	22.5	40.7	24.2	34.4	16.6	34.4	30.6	39.5	30.7	51.1	26.0	24.4		

FIG. 31-4

Ethnic	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
code	207	210	211	212	213	216	218	219	220	301	302	303	401	401	401	401	401	401	401
N ~	70	60	99	187	73	165	87	79	104	89	138	59	242	242	242	242	242	242	242
Cw1	14.3	2.5	9.7	7.5	4.2	11.1	8.5	13.2	12.5	5.7	9.1	6.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Cw2	1.4	3.4	1.5	0.8	2.1	0.6	1.2	28.9	1.4	1.7	2.9	4.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Cw4	0.7	9.6	16.1	4.4	6.2	7.4	5.3	14.6	5.0	11.6	4.3	8.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6
Cw5	0.0	4.3	0.0	2.4	0.0	0.0	1.2	5.2	1.5	0.0	0.0	8.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Cw6	3.6	9.7	2.5	13.3	4.2	0.0	15.8	5.9	16.4	8.8	13.6	4.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Cw7	15.9	7.9	16.8	15.1	15.2	21.5	5.3	10.3	13.1	8.1	17.2	5.2	25.5	25.5	25.5	25.5	25.5	25.5	25.5
Cw9	18.7	0.8	8.9	15.2	20.9	14.2	9.7	6.3	22.1	8.1	7.6	9.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2
Cw10	6.6	4.2	7.9	8.4	15.3	17.2	7.3	6.1	5.4	13.0	17.1	18.6	6.9	6.9	6.9	6.9	6.9	6.9	6.9
Cw11	5.2	1.7	2.6	3.9	0.7	1.2	2.9	2.5	2.4	3.4	1.8	0.0	13.2	13.2	13.2	13.2	13.2	13.2	13.2
CwX	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
CBL	33.5	55.8	34.0	29.1	31.1	25.2	43.0	7.1	20.2	39.6	26.4	34.2	22.1	22.1	22.1	22.1	22.1	22.1	22.1

FIG. 31-5



Ethnic	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
code	100	200	201	204	210	400	600	101	102	103	104	105	106	107	108	109	110	111	112
N ~	56	89	54	79	96	318	112	153	105	94	57	55	101	101	102	103	104	105	106
DR1	6.3	2.8	0.0	9.2	4.7	6.3	8.9	5.8	8.6	10.1	10.5	10.9	10.7	10.7	10.7	10.7	10.7	10.7	10.7
DR3	14.0	29.2	1.9	15.3	10.4	14.7	12.4	8.5	11.7	12.2	21.9	8.2	12.4	12.4	12.4	12.4	12.4	12.4	12.4
DR4	5.4	2.8	43.5	1.9	10.4	3.4	6.2	10.5	17.8	10.1	7.9	12.7	13.9	13.9	13.9	13.9	13.9	13.9	13.9
DR7	10.0	6.8	7.3	7.6	14.5	9.5	8.9	10.1	7.3	13.3	28.9	12.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8
DR8	8.9	1.1	5.6	3.8	1.9	8.3	4.0	2.0	1.0	3.2	3.5	1.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7
DR9	1.8	1.2	1.9	0.6	1.0	2.9	4.3	2.9	0.0	2.1	0.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0
DR10	0.9	1.7	0.0	3.8	2.6	1.1	4.0	0.0	1.4	0.5	0.9	0.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DR11	11.6	24.7	6.3	22.7	18.2	13.5	13.2	19.1	26.4	13.8	8.8	10.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4
DR12	4.5	5.1	1.9	4.8	8.3	3.8	2.7	3.3	2.1	1.1	0.9	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0
DR13	14.9	14.2	24.5	12.1	7.8	13.8	12.7	10.3	7.1	11.7	5.3	15.5	9.8	9.8	9.8	9.8	9.8	9.8	9.8
DR14	2.9	2.8	0.0	0.0	2.1	2.4	0.9	5.6	3.3	6.4	0.9	3.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2
DR15	12.8	5.1	1.9	11.8	9.9	11.7	16.2	9.5	11.2	14.9	9.6	17.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2
DR16	1.8	0.0	0.0	0.0	2.1	2.0	3.4	6.7	0.5	0.5	0.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRJ25	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DR2LU	0.0	0.0	0.0	0.0	3.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRX	0.9	0.0	0.9	1.3	2.6	2.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRBL	3.4	2.5	4.5	5.1	0.4	3.7	1.2	4.8	1.6	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6

FIG. 3J-1

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	109	110	111	113	114	115	117	120	121	122	124	128	129	100	101	101	101	100
N ~	101	79	124	285	256	181	507	85	82	76	219	48	100					
DR1	5.0	12.7	8.9	10.8	9.5	12.7	8.5	10.5	8.5	9.1	10.9	8.3	9.3					
DR3	11.4	7.0	8.9	11.0	10.1	8.2	10.2	10.3	11.0	26.2	11.6	10.4	11.5					
DR4	24.8	8.2	17.2	10.8	13.4	5.2	7.1	8.2	8.7	11.8	16.0	16.4	10.3					
DR7	19.3	14.6	11.9	13.5	11.3	6.8	13.7	18.0	9.1	5.3	18.6	13.8	8.8					
DR8	2.0	5.7	3.6	5.2	4.2	4.4	3.2	5.9	1.2	1.3	3.0	7.3	4.5					
DR9	2.5	0.6	2.0	1.4	1.0	0.0	0.1	0.0	0.6	0.7	1.8	7.9	0.5					
DR10	0.0	0.6	2.0	2.5	1.2	2.9	1.5	1.2	1.8	0.7	0.9	0.0	1.5					
DR11	7.9	17.7	6.9	9.8	18.1	27.0	26.1	9.9	13.9	14.3	11.1	13.5	15.9					
DR12	2.0	3.2	4.0	0.4	3.9	1.9	1.1	2.4	3.7	0.7	0.9	4.2	2.0					
DR13	12.9	10.1	14.0	13.2	10.9	5.1	9.8	19.0	11.4	2.0	9.3	3.1	12.4					
DR14	1.0	2.5	3.0	3.8	3.3	3.0	2.3	0.0	2.7	3.3	2.1	3.6	2.0					
DR15	11.4	10.1	11.6	11.2	8.8	6.3	7.4	5.7	10.0	7.7	8.4	9.0	8.3					
DR16	0.0	6.3	1.2	2.1	2.3	10.4	3.6	2.9	14.9	16.3	1.0	0.0	8.3					
DRJ25	0.0	0.0	0.8	0.0	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0					
DR2LU	0.0	0.0	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0					
DRX	0.0	0.6	0.8	1.2	0.6	0.0	0.5	0.0	0.0	0.0	2.1	0.0	1.0					
DRBL	0.0	0.0	2.4	3.1	0.7	6.0	4.9	6.1	2.4	0.8	2.3	2.4	2.6					

FIG. 3J-2



Ethnic	40	40	40	40	40	40	40	40	40	40	40	40	40	41	41
code	219	220	302	401	402	403	414	416	421	602	803	00A		102	
N ~	72	54	101	238	70	142	61	49	77	51	57	65		145	
DR1	16.1	7.7	4.0	0.2	0.0	1.4	0.0	1.0	0.6	2.9	0.9	2.3	0.7		
DR3	21.5	8.9	9.1	4.8	7.1	4.0	0.8	5.2	5.2	2.9	0.9	2.3	3.9		
DR4	9.0	12.4	13.4	9.0	16.4	8.7	4.1	5.2	19.5	20.0	10.9	41.7	38.3		
DR7	2.1	11.8	13.4	8.3	6.4	5.8	3.5	0.0	1.9	0.0	1.8	0.8	0.7		
DR8	2.8	4.6	7.9	4.0	4.3	6.7	6.9	3.2	6.5	9.8	7.0	4.7	3.8		
DR9	17.0	7.4	5.9	11.9	9.3	11.5	2.5	0.0	16.9	11.3	3.5	13.7	5.3		
DR10	1.4	2.9	2.0	2.5	2.1	5.7	0.0	1.0	1.3	0.0	0.9	0.0	0.0		
DR11	8.1	12.9	8.0	4.2	6.4	2.1	3.5	12.3	13.6	9.8	0.0	12.1	11.2		
DR12	2.1	2.8	8.4	13.7	12.1	29.7	49.7	7.5	13.6	21.2	1.8	0.8	0.7		
DR13	2.1	5.8	5.4	3.6	5.7	4.2	3.3	3.1	1.3	1.0	4.4	4.6	7.5		
DR14	3.5	0.9	2.0	7.1	6.4	5.6	0.8	3.1	3.2	9.8	60.2	1.5	10.8		
DR15	4.3	11.5	13.0	20.6	17.1	9.5	20.6	42.0	9.7	9.6	4.9	2.3	1.4		
DR16	2.9	0.0	2.8	4.5	2.9	2.1	0.0	0.0	3.2	0.0	0.0	0.8	1.4		
DRJ25	0.0	0.0	1.5	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.9	0.8	5.2		
DR2LU	0.0	0.0	0.0	1.7	2.1	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.3		
DRX	0.0	0.0	0.0	0.2	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
DRBL	7.1	10.6	3.3	3.4	0.1	2.1	4.2	16.2	0.0	1.6	2.1	11.5	8.4		

**FIG. 3J-4**

# 005227 \* E4E75460

Ethnic	10	10	10	10	10	10	10	10	10	30	30	30	30	30
code	100	200	201	204	210	400	600	101	102	103	104	105	105	105
N ~	56	89	54	79	96	318	112	153	105	94	57	55	55	55
DQ1	50.9	42.7	31.3	59.1	40.8	45.1	47.8	40.9	31.5	39.9	28.9	49.2	49.2	49.2
DQ2	21.4	16.9	10.2	15.5	19.3	19.8	17.1	16.8	16.7	19.7	50.0	16.1	16.1	16.1
DQ3	2.7	1.7	28.3	3.8	6.9	5.0	4.4	5.2	8.3	7.2	9.6	11.6	11.6	11.6
DQ4	5.4	22.5	5.8	7.3	4.7	10.0	5.8	2.3	1.0	5.2	4.4	2.7	2.7	2.7
DQ7	19.6	16.3	15.0	11.6	25.5	18.6	18.3	29.6	38.2	24.6	7.0	18.8	18.8	18.8
DQX	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DQBL	0.0	0.0	9.4	2.7	2.4	1.5	6.5	5.3	4.2	3.4	0.0	1.6	1.6	1.6

Ethnic	30	30	30	30	30	30	30	30	30	30	30	30	30	30
code	106	109	110	111	113	114	115	117	120	121	122	124	124	124
N ~	101	101	79	124	285	256	181	507	85	82	76	219	219	219
DQ1	36.9	28.7	40.8	43.9	45.9	36.3	45.5	35.4	43.0	50.6	38.0	34.3	34.3	34.3
DQ2	26.2	25.7	16.3	16.8	21.4	19.1	14.3	22.0	20.2	19.5	27.3	25.4	25.4	25.4
DQ3	11.0	20.8	9.1	11.4	10.0	11.1	10.1	7.3	7.6	9.8	12.9	13.9	13.9	13.9
DQ4	3.1	2.0	4.4	4.8	4.5	6.1	3.9	2.3	6.6	0.6	0.7	3.9	3.9	3.9
DQ7	19.4	22.8	23.9	21.0	16.2	27.3	19.9	29.1	14.4	19.5	15.4	19.0	19.0	19.0
DQX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
DQBL	3.2	0.0	5.5	2.2	2.1	0.0	6.2	3.9	8.2	0.0	5.7	3.4	3.4	3.4

FIG. 3K-1





Ethnic	40	40	41	41
code	602	803	00A	102
N ~	51	57	65	145
DQ1	31.8	11.0	6.6	13.4
DQ2	4.9	1.8	3.1	1.7
DQ3	20.2	6.0	31.8	5.3
DQ4	10.8	8.8	12.0	5.7
DQ7	30.9	67.9	31.7	70.4
DQX	0.0	0.0	0.0	0.0
DQBL	1.4	4.6	14.9	3.5

FIG. 3K-3